

## GLOSSARY OF TECHNICAL TERMS

*This glossary of technical terms contains explanations of certain technical terms used in this document. As such, these terms and their meanings may not correspond to standard industry meanings or usage of these terms.*

“compound fertiliser”	a kind of fertiliser with three-components, providing nitrogen, phosphorus and potassium. Compound fertiliser can be used for balanced fertilisation and can increase the utilisation rate of fertilisers
“HCL”	hydrochloric acid, an aqueous solution of hydrogen chloride, belonging to one-component inorganic strong acid, which is an important part of the chlor-alkali industry and is widely used in industrial fields
“KCL” or “MOP”	potassium chloride, a compound with the chemical formula KCl and contain around 60% potassium oxide equivalent
“Mannheim Process”	a mature and reliable production technology in SOP production, which consists of a thermal decomposition reaction between sulphuric acid and KCL to produce SOP and by-products
“m <sup>3</sup> ”	cubic metre
“mu”	unit of area corresponding to approximately 666.7 sqm per mu
“NHCL”	ammonium chloride, a compound with the chemical formula NH <sub>4</sub> Cl and a by-product produced during the production of NOP
“NOP”	potassium nitrate, a compound with the chemical formula KNO <sub>3</sub> . It contains potassium, oxygen, and nitrogen
“potash”	potassium
“SOP”	potassium sulphate, a compound with the chemical formula K <sub>2</sub> SO <sub>4</sub> and contain around 50% potassium oxide equivalent
“sqf”	square foot
“sqm”	square metre